

Appl. No. 10/052,282
Amdt. dated July 18, 2006
Reply to Office Action of April 19, 2006

PATENT

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings of claims in the application:

Listing of Claims:

1. (Canceled)
2. (Currently Amended) A method for operating a service device to provide a service comprising:
 - detecting a request from a requesting device to provide said service;
 - obtaining peripheral information relating to one or more peripheral devices, said peripheral devices being within a predetermined distance of said service device; and
 - providing said service depending on said peripheral information,wherein said providing step is further dependent on history information with which indicates an action history of a user of the requesting device between a reference starting point and a reference end point, and which includes a time at which said history information was obtained. ~~and relating to one or more of said requesting device, a user of said requesting device, said service device, and said peripheral devices.~~
3. (Canceled)
4. (Previously Presented) The method of claim 2 wherein said peripheral information further includes information relating to whether one of said peripheral devices is within said predetermined distance of said service device.

Claims 5-15. (Canceled)

16. (Currently Amended) A method for operating a service device to provide a service comprising:
 - detecting a request from a requesting device to provide said service;

Appl. No. 10/052,282
Amdt. dated July 18, 2006
Reply to Office Action of April 19, 2006

PATENT

obtaining peripheral information relating to one or more peripheral devices, said peripheral devices being within a predetermined distance of said service device;
writing said peripheral device information into a database; and
providing said service depending on history information ~~with time~~ relating to one or more of said requesting device, a user of said requesting device, said service device, and said peripheral devices, said history information indicating an action history between a reference starting point and a reference end point, and which includes a time at which said history information was obtained.

Claims 17-19. (Canceled)

20. (Currently Amended) The method of claim 2, wherein: A method for
~~operating a service device in a room to provide a service comprising:~~
~~detecting a request from a requesting device in a room to provide said service;~~
obtaining peripheral information includes obtaining peripheral information
~~relating to one or more peripheral devices in a room, said peripheral devices being within a~~
~~predetermined distance of said requesting device; and~~
~~providing said service depending on said peripheral information;~~
wherein said peripheral information includes information relating to positions of said peripheral devices relative to said requesting device, the information relating to positions determined using a time difference between a first time at which said request was sent from said requesting device and a second time at which said request was received by said service device.

21. (Original) The method of claim 20 further including obtaining second peripheral information relating to positions of one or more second peripheral devices relative to said service device.

Claims 22-41. (Canceled)

Appl. No. 10/052,282
Amdt. dated July 18, 2006
Reply to Office Action of April 19, 2006

PATENT

42. (Currently Amended) The method of claim [[16]] 21 wherein said second peripheral information for each of said second peripheral devices is obtained from said each second peripheral device or from a data store separate from said each second peripheral device.

43. (New) The method of claim 2 wherein said history information further includes a status of a service object or said user, at said time, and peripheral information of one or more peripheral devices of said service object or said user, at said time.

44. (New) The method of claim 43 wherein said status indicates whether said user has already borrowed said service object at said time.

45. (New) The method of claim 2 wherein said providing step determines a first access level based on said peripheral information and a second access level based on said history information, compares said first access level and said second access level, and provides said service depending on a result of said comparison.

46. (New) The method of claim 45 wherein said providing step further provides said service depending on a lower access level of said first and second access levels.

47. (New) The method of claim 2 wherein said peripheral information includes both of information relating to one or more peripheral devices of said user and information relating to one or more peripheral devices of said service device.

48. (New) The method of claim 47 further comprising:
detecting said one or more peripheral devices of said user in said requesting device;
transferring said information of said one or more peripheral devices of said user from said requesting device to said service device;
detecting said one or more peripheral devices of said service device in said service device; and

Appl. No. 10/052,282
Amdt. dated July 18, 2006
Reply to Office Action of April 19, 2006

PATENT

determining an access level based on said information of said one or more peripheral devices of said user and said information of said one or more peripheral devices of said service device,

wherein said providing step provides said service depending on said service level.

49. (New) The method of claim 48 further comprising:

determining a peripheral threshold based on user information from said requesting device and service device information,

wherein said detecting step for said requesting device detects said one or more peripheral devices of said user based on said peripheral threshold.